



CONTENTS OF VOLUME 152

Vol. 152C, No. 1

Review

W.-X. Wang and P.S. Rainbow

- 1 Significance of metallothioneins in metal accumulation kinetics in marine animals

General papers

B. Soffientino, D.E. Nacci and J.L. Specker

- 9 Effects of the dioxin-like PCB 126 on larval summer flounder (*Paralichthys dentatus*)

T. Zenteno-Savin, J. St. Leger and P.J. Ponganis

- 18 Hypoxemic and ischemic tolerance in emperor penguins

S. Franzellitti, S. Buratti, F. Donnini and E. Fabbri

- 24 Exposure of mussels to a polluted environment: Insights into the stress syndrome development

L.B. Helgason, A. Arukwe, G.W. Gabrielsen, M. Harju, M.N. Hegseth, E.S. Heimstad, E.H. Jørgensen, A.S. Mortensen and J. Wolkers

- 34 Biotransformation of PCBs in Arctic seabirds: Characterization of phase I and II pathways at transcriptional, translational and activity levels

B.F. Brammell, D.J. Price, W.J. Birge, E.M. Harmel-Laws, J.A. Hitron and A.A. Elskus

- 42 Differential sensitivity of CYP1A to 3,3',4',4-tetrachlorobiphenyl and benzo(a)pyrene in two *Lepomis* species

M. Isidori, M. Cangiano, F.A. Palermo and A. Parrella

- 51 E-screen and vitellogenin assay for the detection of the estrogenic activity of alkylphenols and trace elements

L. Hiripi and K. Elekes

- 57 A 5-HT_{1A}-like receptor is involved in the regulation of the embryonic rotation of *Lymnaea stagnalis* L.

H. Shi, L. Qian, S. Guo, X. Zhang, J. Liu and Q. Cao

- 62 Teratogenic effects of tetrabromobisphenol A on *Xenopus tropicalis* embryos

S. Ruksana, N.P. Pandit and M. Nakamura

- 69 Efficacy of exemestane, a new generation of aromatase inhibitor, on sex differentiation in a gonochoristic fish

M. Wang, M. Kang, X. Guo and B. Xu

- 75 Identification and characterization of two phospholipid hydroperoxide glutathione peroxidase genes from *Apis cerana cerana*

R. Kamata, F. Shiraishi, S. Takahashi, A. Shimizu and H. Shiraishi

- 84 Reevaluation of the developmental toxicity of dieldrin by the use of fertilized Japanese quail eggs

J.P. Wise Sr., S.S. Wise, A.L. Holmes, C. LaCerte, F. Shaffiey and A.-M. Abouei

- 91 The cytotoxicity and genotoxicity of hexavalent chromium in Steller sea lion lung fibroblasts compared to human lung fibroblasts

W. Huang, L. Cao, Z. Ye, X. Yin and S. Dou

- 99 Antioxidative responses and bioaccumulation in Japanese flounder larvae and juveniles under chronic mercury exposure

H. Tian, S. Ru, W. Wang and X. Bing

- 107 Effects of monocrotophos on the reproductive axis in the female goldfish (*Carassius auratus*)

K.P. Watanabe, A. Saengtienchai,
K.D. Tanaka, Y. Ikenaka and M. Ishizuka

114 Comparison of warfarin sensitivity between rat and bird species

Vol. 152C, No. 2

General papers

C. Wu, K. Mai, W. Zhang, Q. Ai, W. Xu,
X. Wang, H. Ma and Z. Liufu

121 Molecular cloning, characterization and mRNA expression of selenium-dependent glutathione peroxidase from abalone *Haliotis discus hannai* in response to dietary selenium, zinc and iron

V.F. Marijić and B. Raspor

133 The impact of fish spawning on metal and protein levels in gastrointestinal cytosol of indigenous European chub

J. Raimundo, P.M. Costa, C. Vale,
M.H. Costa and I. Moura

139 Metallothioneins and trace elements in digestive gland, gills, kidney and gonads of *Octopus vulgaris*

V. Petrović, B. Bužadić, A. Korać,
A. Vasiljević, A. Janković and B. Korać

147 NO modulates the molecular basis of rat interscapular brown adipose tissue thermogenesis

C. Xu, L. Pan, N. Liu, L. Wang and J. Miao

160 Cloning, characterization and tissue distribution of a pi-class glutathione S-transferase from clam (*Venerupis philippinarum*): Response to benzo[α]pyrene exposure

P.M. González, D. Abele and S. Puntarulo

167 Exposure to excess dissolved iron *in vivo* affects oxidative status in the bivalve *Mya arenaria*

C. Riva, C. Porte, A. Binelli and A. Provini

175 Evaluation of 4-nonylphenol *in vivo* exposure in *Dreissena polymorpha*: Bioaccumulation, steroid levels and oxidative stress

J.-A. Xian, A.-L. Wang, C.-X. Ye, X.-D. Chen
and W.-N. Wang

182 Phagocytic activity, respiratory burst, cytoplasmic free-Ca²⁺ concentration and apoptotic cell ratio of haemocytes from the black tiger shrimp, *Penaeus monodon* under acute copper stress

Y. Ito, Y. Matsuda and T. Suzuki

189 Effects of 3,4-dichloroaniline on expression of *ahr2* and *cyp1a1* in zebrafish adults and embryos

H.J. Kong, J.-M. Kim, J.-H. Moon,
Y.-O. Kim, B.-H. Nam, W.-J. Kim,
J.-H. Lee, S.-J. Lee, K.-K. Kim,
S.-Y. Yeo and C.H. Lee

195 Hypoxia induces the PDZ domain-containing syntenin in the marine teleost *Paralichthys olivaceus*

D. Zhang, P. Duarte-Guterman,
V.S. Langlois and V.L. Trudeau

202 Temporal expression and steroidal regulation of piRNA pathway genes (*mael*, *piwi*, *vasa*) during *Silurana* (*Xenopus*) *tropicalis* embryogenesis and early larval development

F. Gagné, C. André and M. Gélinas

207 Neurochemical effects of benzodiazepine and morphine on freshwater mussels

S.B. Ceyhan, M. Şentürk, D. Ekinli,
O. Erdoğan, A. Çiltaş and E.M. Kocaman

215 Deltamethrin attenuates antioxidant defense system and induces the expression of heat shock protein 70 in rainbow trout

H. Iwata, N. Nagahama, E.-Y. Kim,
M.X. Watanabe and A. Sudo

224 Effects of *in ovo* exposure to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin on hepatic AHR/ARNT-CYP1A signaling pathways in common cormorants (*Phalacrocorax carbo*)

N.M. Palenske, G.C. Nallani and
E.M. Dzialowski

232 Physiological effects and bioconcentration of triclosan on amphibian larvae

Vol. 152C, No. 3

General papers

C. Roberto, L.M. Giulia, D. Francesco,
V. Aldo and S. Trifone

241 Carbonic anhydrase activity in *Mytilus galloprovincialis* digestive gland: Sensitivity to heavy metal exposure

M.M. Ranaldi and M.M. Gagnon	248	Trace metal incorporation in otoliths of pink snapper (<i>Pagrus auratus</i>) as an environmental monitor
A. Grant, K. Trompf, D. Seung, L. Nivison-Smith, H. Bowcock, H. Kresse, S. Holmes, J. Radford and P. Morrow	256	Sub-cellular damage by copper in the cnidarian <i>Zoanthus robustus</i>
J. Kim, S. Kim, K.W. An, C.Y. Choi, S. Lee and K. Choi	263	Molecular cloning of <i>Daphnia magna</i> catalase and its biomarker potential against oxidative stresses
M. Eyckmans, C. Tudorache, V.M. Darras, R. Blust and G. De Boeck	270	Hormonal and ion regulatory response in three freshwater fish species following waterborne copper exposure
N. Liu, L. Pan, J. Miao, C. Xu and L. Zhang	279	Molecular cloning and sequence analysis and the response of a aryl hydrocarbon receptor homologue gene in the clam <i>Ruditapes philippinarum</i> exposed to benzo(a)pyrene
K.E. Whalen, E.E. Sotka, J.V. Goldstone and M.E. Hahn	288	The role of multixenobiotic transporters in predatory marine molluscs as counter-defense mechanisms against dietary allelochemicals
I. Hasunuma, S. Iwamuro, T. Kobayashi, K. Shirama, J.M. Conlon and S. Kikuyama	301	Expression of genes encoding antimicrobial peptides in the Harderian gland of the bullfrog <i>Lithobates catesbeianus</i>
H. Routti, A. Arukwe, B.M. Jenssen, R.J. Letcher, M. Nyman, C. Bäckman and G.W. Gabrielsen	306	Comparative endocrine disruptive effects of contaminants in ringed seals (<i>Phoca hispida</i>) from Svalbard and the Baltic Sea
J. Wang, X. Liu, H. Wang, T. Wu, X. Hu, F. Qin and Z. Wang	313	Expression of two cytochrome P450 aromatase genes is regulated by endocrine disrupting chemicals in rare minnow <i>Gobiocypris rarus</i> juveniles
E. Evrard, J. Marchand, M. Theron, K. Pichavant-Rafini, G. Durand, L. Quiniou and J. Laroche	321	Impacts of mixtures of herbicides on molecular and physiological responses of the European flounder <i>Platichthys flesus</i>
G. De Boeck, R. Smolders and R. Blust	332	Copper toxicity in gibel carp <i>Carassius auratus gibelio</i> : Importance of sodium and glycogen
I. Domingues, R. Oliveira, J. Lourenço, C.K. Grisolia, S. Mendo and A.M.V.M. Soares	338	Biomarkers as a tool to assess effects of chromium (VI): Comparison of responses in zebrafish early life stages and adults
E. Banakou and S. Dailianis	346	Involvement of Na ⁺ /H ⁺ exchanger and respiratory burst enzymes NADPH oxidase and NO synthase, in Cd-induced lipid peroxidation and DNA damage in haemocytes of mussels
K.N. Berlin, L.M. Cameron, M. Gatt and R.R. Miller Jr.	353	Reduced <i>de novo</i> synthesis of 5-methyltetrahydrofolate and reduced taurine levels in ethanol-treated chick brains
O.I. Kubrak, O.V. Lushchak, J.V. Lushchak, I.M. Torous, J.M. Storey, K.B. Storey and V.I. Lushchak	360	Chromium effects on free radical processes in goldfish tissues: Comparison of Cr(III) and Cr(VI) exposures on oxidative stress markers, glutathione status and antioxidant enzymes
E.D. Thompson, K.E. Burwinkel, A.K. Chava, E.G. Notch and G.D. Mayer	371	Activity of Phase I and Phase II enzymes of the benzo(a)pyrene transformation pathway in zebrafish (<i>Danio rerio</i>) following waterborne exposure to arsenite
J. Matsumoto, A.J. Hosmer and G. Van Der Kraak	379	Survival and iono-regulatory performance in Atlantic salmon smolts is not affected by atrazine exposure
Z.-H. Li, P. Li and T. Randak	385	Ecotoxicological effects of short-term exposure to a human pharmaceutical Verapamil in juvenile rainbow trout (<i>Oncorhynchus mykiss</i>)
Z.-H. Li, V. Zlabek, R. Grabic, P. Li and T. Randak	392	Modulation of glutathione-related antioxidant defense system of fish chronically treated by the fungicide propiconazole

L. Canesi, C. Barmo, R. Fabbri, C. Ciacci,
L. Vergani, P. Roch and G. Gallo

399 Effects of vibrio challenge on digestive gland biomarkers and antioxidant gene expression in *Mytilus galloprovincialis*

Vol. 152C, No. 4

General papers

T. Debenest, F. Gagné, A.-N. Petit,
C. André, M. Kohli and C. Blaise

407 Ecotoxicity of a brominated flame retardant (tetrabromobisphenol A) and its derivatives to aquatic organisms

J.-S. Rhee, R.-O. Kim, J.S. Seo, J. Lee,
Y.-M. Lee and J.-S. Lee

413 Effects of salinity and endocrine-disrupting chemicals on expression of prolactin and prolactin receptor genes in the euryhaline hermaphroditic fish, *Kryptolebias marmoratus*

C. Wu, W. Zhang, K. Mai, W. Xu,
X. Wang, H. Ma and Z. Liufu

424 Transcriptional up-regulation of a novel ferritin homolog in abalone *Haliotis discus hannai* Ino by dietary iron

O. Malev, M. Šrut, I. Maguire,
A. Štambuk, E.A. Ferrero, S. Lorenzon and
G.I.V. Klobučar

433 Genotoxic, physiological and immunological effects caused by temperature increase, air exposure or food deprivation in freshwater crayfish *Astacus leptodactylus*

M.J. Bakke and T.E. Horsberg

444 Kinetic properties of saxitoxin in Atlantic salmon (*Salmo salar*) and Atlantic cod (*Gadus morhua*)

E. Aksakal, S.B. Ceyhun, O. Erdoğan and
D. Ekinici

451 Acute and long-term genotoxicity of deltamethrin to insulin-like growth factors and growth hormone in rainbow trout

J.-S. Rhee, R.-O. Kim, J.S. Seo, H.S. Kang,
C.-B. Park, K. Soyano, J. Lee, Y.-M. Lee
and J.-S. Lee

456 Bisphenol A modulates expression of gonadotropin subunit genes in the hermaphroditic fish, *Kryptolebias marmoratus*

M. Mechkarska, E. Ahmed, L. Coquet,
J. Leprince, T. Jouenne, H. Vaudry,
Jay.D. King and J.M. Conlon

467 Antimicrobial peptides with therapeutic potential from skin secretions of the Marsabit clawed frog *Xenopus borealis* (Pipidae)

J.-H. Kim, J.-S. Rhee, J.-S. Lee,
H.-U. Dahms, J. Lee, K.-N. Han and
J.-S. Lee

473 Effect of cadmium exposure on expression of antioxidant gene transcripts in the river pufferfish, *Takifugu obscurus* (Tetraodontiformes)

III Contents of Volume 152

VII Subject Index

X Author Index

SUBJECT INDEX

Vol. 152C, Nos. 1-4

- 10-Formyltetrahydrofolate dehydrogenase, 353
17 β -Estradiol, 456
- 3,4-dichloroaniline, 189
- 4-nonylphenol, 175
- 5-HT, 57
5-Methyltetrahydrofolate, 353
- ABC transporter, 288
Acetylcholinesterase, 207
AhR, 279
AHR nuclear translocator (ARNT), 224
Alkylphenols, 51
Allelochemical, 288
Amphibian, 62, 202
Amphibian larvae, 232
Antimicrobial peptide, 301, 467
Antioxidant biomarker, 99
Antioxidant enzyme, 263
Antioxidants, 473
Apis cerana cerana, 75
Apoptosis, 182
Arctic seabirds, 34
Aromatase, 107, 313
Arsenic, 371
Aryl hydrocarbon receptor (AHR), 224
Arylhydrocarbon receptor, 189
Astacus leptodactylus, 433
Atrazine, 379
Autoradiography, 444
Avian, 114
- Baltic Sea, 306
Behavior alteration, 385
Benzo(a)pyrene, 279
Benzo[a]pyrene, 371
Benzo[α]pyrene, 160
Benzodiazepines, 207
Bioassays, 407
Bioconcentration, 232
Biomarker, 160
Biomarkers, 24, 139, 338
Bisphenol A, 456
Bivalves, 399
Black-legged kittiwake, 34
Brominated flame retardants, 62
Brown adipose tissue, 147
Bullfrog, 301
- Cadmium, 133, 241, 248, 346
Cadmium chloride, 473
Calcein-AM, 288
Calcitriol, 306
Calcium antagonist, 385
Carassius auratus, 51, 360
Carbonic anhydrase, 241
CAT, 473
Catalase, 18, 360
cDNA, 75
cDNA cloning, 121, 160, 279
Cephalopods, 139
Chensirin-2, 301
Chick brain, 353
Chromate, 91
Chromium, 91
Cold, 147
Collagen, 256
Comet assay, 433
Common carp, 270
Common (great) cormorant, 224
Copper, 182, 256
Copper exposure, 270
Crucian carp, 332
Cu, 332
Cu/Zn-SOD, 473
cyp19a1, 313
CYP1A, 9
Cyprinid, 332
Cytochrome P450, 34
Cytochrome P450 1A (CYP1A), 224
Cytochrome P450 (CYP), 114
Cytochrome p4501A, 371
Cytochrome p4501a1, 189
Cytotoxicity, 91
- Danio rerio*, 189
Deiodinase, 306
Deltamethrin, 215, 451
Detoxication, 189
Dieldrin, 84
Digestive gland, 399
Dioxin, 9
DNA damage, 346
Dopamine, 207
Dreissena polymorpha, 175
- Elastin, 256
ELS, 99
Embryo, 57
Embryogenesis, 202
- Embryonic exposure, 84
Embryotoxicity, 338
Emperor penguin, 18
Endocrine disrupting chemicals, 313
Endocrine-disrupting chemicals, 413, 456
Environmental toxicology, 407
Enzyme activity, 371
Epoxide hydrolase, 371
Essential metals, 133
estrogenic activity, 51
Ethanol-induced, 353
Ethoxyresorufin- β -deethylase, 42
Exemestane (EM), 69
Expression, 371
Expression of antioxidant genes, 399
- Fadrozole, 202
Female goldfish, 107
Ferritin, 424
Field study, 139
Finasteride, 202
Fish, 42, 332, 392, 444
Flow cytometry, 182
Freshwater fish, 133
Frog skin, 467
FSH- α , 456
- GABA, 207
GABAA receptor, 84
Gastric glands, 9
Gene expression, 24, 424, 451
Genomic DNA, 75
Genotoxicity, 91, 338
Gibel carp, 270, 332
Gill Na⁺/K⁺-ATPase activity, 270
Glucose-6-phosphate dehydrogenase, 360
Glutamate, 207
Glutathione, 215, 360, 392
Glutathione peroxidase, 18
Glutathione reductase, 360
Glutathione S-transferase, 34
Glutathione-S-transferase, 18, 360
Glycogen, 332
Glyphosate, 321
Gobiocypris rarus, 313
Goldfish, 360
Gonadotropin, 107
Gonadotropin- α , 456
Gonadotropin-releasing hormone, 107
Gorgonian, 288
GPx, 473

Subject Index

- GR, 473
Growth hormone, 451
GST, 160
- Haemocyte, 182
Haemocytes, 346
Haemolymph, 433
Haliotis discus hannai, 424
Haliotis discus hannai Ino, 121
Halogenated organic contaminants, 34
Harderian gland, 301
Hatchling, 84
Heart rate, 232
Heavy metals, 241
HSP, 24
Hsp70, 215
Hypoxemia, 18
Hypoxia, 195
- In situ hybridization, 189
Inhibitor constant (K_i), 114
Insulin like growth factors, 451
Invertebrates, 1
Iron, 424
Iron overload, 167
Ischemia, 18
- Japanese quail, 84
- Kinetics, 1, 444
Kryptolebias marmoratus, 413, 456
- Labile iron pool, 167
LA-ICP-MS, 248
Lead, 248
Lethal concentration, 385
LH- β , 456
Lipid peroxidation, 99, 346
Lipid peroxides, 360
Liver, 18
Lymnaea, 57
Lysosomal biomarkers, 399
- Mael*, 202
Magainin, 467
Mercury bioaccumulation, 99
Metabolic rate, 232
Metal uptake, 1
Metallic elements, 139
Metalloenzyme, 241
Metallothionein, 24
Metallothionein-like proteins, 139
Metallothioneins, 1, 133
Methylenetetrahydrofolate reductase, 353
Micronucleus test, 433
Minerals, 121
Mixture, 321
MK571, 288
Mn-SOD, 473
- Monocrotophos, 107
Morphine, 207
mRNA expression, 121, 160, 279, 321
MRP, 288
Municipal effluents, 207
Muscle, 18
Muscles, 451
Mussels, 207
MXR, 24
Mya arenaria, 167
Mytilus galloprovincialis, 24, 241
- Na, 332
NADPH oxidase, 346
Na⁺/K⁺-ATPase, 379
NHE, 346
Nile tilapia, 69
Nitric oxide, 147
NO synthase, 346
Northern fulmar, 34
- Octopus vulgaris*, 139
Olive flounder, 195
Oncorhynchus mykiss, 215, 451
Osmoregulation, 413
Otolith, 248
Oxidative damage, 256
Oxidative stress, 167, 175, 207, 360, 385, 392, 399
- PAH, 42
Paralichthys olivaceus, 99, 195
PCB, 42
PCB 126, 9
PDZ domain, 195
Penaeus monodon, 182
Pentose phosphate, 215
Pesticide, 75
Pesticides, 321
PGC-1 α , 147
PGLa, 467
P-gp, 288
Phase II, 42
Phospholipid hydroperoxide glutathione peroxidase, 75
Physiology, 321
Pink snapper, 248
piRNA, 202
Pituitary, 456
Piwi, 202
Plasma ion concentration, 270
Platichthys flesus, 321
Pollution, 256
Polychlorinated biphenyl, 9
Polychlorinated biphenyl metabolites, 34
Portugal, 139
Post-spawning, 133
Potassium dichromate, 338
PPAR γ , 147
Procaerulein, 467
- Prolactin, 270, 413
Prolactin receptor, 413
Promoter, 75
Protein carbonyls, 360
Protein expression, 241
Proxenosin, 467
PSP, 444
- Rainbow trout, 270
Rapid amplification of cDNA ends PCR, 263
Raptor, 114
Reactive oxygen species, 18, 263
Real-time PCR, 313, 451
Receptor, 57
Receptor binding assay, 444
Reproductive axis, 107
Residual fungicide, 392
Retinoic acid receptor, 306
Risk assessment, 379
RNA/DNA ratio, 385
Ruditapes philippinarum, 279
- Salinity, 413
Saxitoxin, 444
Scintillation, 444
Selenium-dependent glutathione peroxidase, 121
Semi-quantitative RT-PCR, 75
Sentinel, 91
Serotonin, 207
Sex differentiation, 69
Sex steroid, 107, 202
Sex steroids, 175
Smoltification, 379
Spawning period, 133
SSH, 321
Stellar sea lion, 91
Steroidal aromatase inhibitor (AI), 69
Stomach, 9
Stress, 215, 433
Stress syndrome development, 24
Sub-lethal toxicity, 99
Summer flounder, 9
Superoxide dismutase, 360
Svalbard, 306
Syntenin, 195
- Takifugu obscurus*, 473
Taurine, 353
TCDD, 9, 224
Temporin, 301
Teratogenicity, 62
Tetrabromobisphenol A, 407
Thyroid hormone, 62, 306
Thyroid hormone receptor, 306
Thyroid hormones, 270
Tissue-expression profile, 279
Tonic seizure, 84
Total cytosolic proteins, 133

- Toxicity, 346
Trace elements, 51
Trace metal partitioning, 133
Triclosan, 232

UCP1, 147
Ultraviolet B, 263
Uridine diphosphate glucuronyltransferase, 34

V. anguillarum, 399
V. splendidus, 399
Vasa, 202
Venerupis philippinarum, 160
Verapamil, 288
Vitamin A, 306
Vitamin K, 114
Vitamin K epoxide reductase (VKOR), 114

Warfarin, 114

Zebrafish, 189, 338
Zinc, 248
Zoanthus robustus, 256

AUTHOR INDEX

Vol. 152C, Nos. 1-4

- Abele, D., 167
 Aboueissa, A.-M., 91
 Ahmed, E., 467
 Ai, Q., 121
 Aksakal, E., 451
 Aldo, V., 241
 An, K.W., 263
 André, C., 207, 407
 Arukwe, A., 34, 306
- Bäckman, C., 306
 Bakke, M.J., 444
 Banakou, E., 346
 Barmo, C., 399
 Berlin, K.N., 353
 Binelli, A., 175
 Bing, X., 107
 Birge, W.J., 42
 Blaise, C., 407
 Blust, R., 270, 332
 Bowcock, H., 256
 Brammell, B.F., 42
 Buratti, S., 24
 Burwinkel, K.E., 371
 Bužadić, B., 147
- Cameron, L.M., 353
 Canesi, L., 399
 Cangiano, M., 51
 Cao, L., 99
 Cao, Q., 62
 Ceyhun, S.B., 215, 451
 Chava, A.K., 371
 Chen, X.-D., 182
 Choi, C.Y., 263
 Choi, K., 263
 Ciacci, C., 399
 Çiltaş, A., 215
 Conlon, J.M., 301, 467
 Coquet, L., 467
 Costa, M.H., 139
 Costa, P.M., 139
- Dahms, H.-U., 473
 Dailianis, S., 346
 Darras, V.M., 270
 De Boeck, G., 270, 332
 Debenest, T., 407
 Domingues, I., 338
 Donnini, F., 24
 Dou, S., 99
- Duarte-Guterman, P., 202
 Durand, G., 321
 Dzialowski, E.M., 232
- Ekinci, D., 215, 451
 Elekes, K., 57
 Elskus, A.A., 42
 Erdoğan, O., 215, 451
 Evrard, E., 321
 Eyckmans, M., 270
- Fabbri, E., 24
 Fabbri, R., 399
 Ferrero, E.A., 433
 Francesco, D., 241
 Franzellitti, S., 24
- Gabrielsen, G.W., 34, 306
 Gagné, F., 207, 407
 Gagnon, M.M., 248
 Gallo, G., 399
 Gatt, M., 353
 Gélinas, M., 207
 Giulia, L.M., 241
 Goldstone, J.V., 288
 González, P.M., 167
 Grabic, R., 392
 Grant, A., 256
 Grisolia, C.K., 338
 Guo, S., 62
 Guo, X., 75
- Hahn, M.E., 288
 Han, K.-N., 473
 Harju, M., 34
 Harmel-Laws, E.M., 42
 Hasunuma, I., 301
 Hegseth, M.N., 34
 Heimstad, E.S., 34
 Helgason, L.B., 34
 Hiripi, L., 57
 Hitron, J.A., 42
 Holmes, A.L., 91
 Holmes, S., 256
 Horsberg, T.E., 444
 Hosmer, A.J., 379
 Hu, X., 313
 Huang, W., 99
- Ikenaka, Y., 114
 Ishizuka, M., 114
- Isidori, M., 51
 Ito, Y., 189
 Iwamuro, S., 301
 Iwata, H., 224
- Janković, A., 147
 Jenssen, B.M., 306
 Jouenne, T., 467
 Jørgensen, E.H., 34
- Kamata, R., 84
 Kang, H.S., 456
 Kang, M., 75
 Kikuyama, S., 301
 Kim, E.-Y., 224
 Kim, J., 263
 Kim, J.-H., 473
 Kim, J.-M., 195
 Kim, K.-K., 195
 Kim, R.-O., 413, 456
 Kim, S., 263
 Kim, W.-J., 195
 Kim, Y.-O., 195
 King, Jay.D., 467
 Klobučar, G.I.V., 433
 Kobayashi, T., 301
 Kocaman, E.M., 215
 Kohli, M., 407
 Kong, H.J., 195
 Korać, A., 147
 Korać, B., 147
 Kresse, H., 256
 Kubrak, O.I., 360
- LaCerte, C., 91
 Langlois, V.S., 202
 Laroche, J., 321
 Lee, C.H., 195
 Lee, J., 413, 456, 473
 Lee, J.-H., 195
 Lee, J.-S., 413, 456, 473
 Lee, S., 263
 Lee, S.-J., 195
 Lee, Y.-M., 413, 456
 Leprince, J., 467
 Letcher, R.J., 306
 Li, P., 385, 392
 Li, Z.-H., 385, 392
 Liu, J., 62
 Liu, N., 160, 279
 Liu, X., 313

- Liufu, Z., 121, 424
 Lorenzon, S., 433
 Lourenço, J., 338
 Lushchak, J.V., 360
 Lushchak, O.V., 360
 Lushchak, V.I., 360
- Ma, H., 121, 424
 Maguire, I., 433
 Mai, K., 121, 424
 Malev, O., 433
 Marchand, J., 321
 Marijić, V.F., 133
 Matsuda, Y., 189
 Matsumoto, J., 379
 Mayer, G.D., 371
 Mechkarska, M., 467
 Mendo, S., 338
 Miao, J., 160, 279
 Miller Jr., R.R., 353
 Moon, J.-H., 195
 Morrow, P., 256
 Mortensen, A.S., 34
 Moura, I., 139
- Nacci, D.E., 9
 Nagahama, N., 224
 Nakamura, M., 69
 Nallani, G.C., 232
 Nam, B.-H., 195
 Nivison-Smith, L., 256
 Notch, E.G., 371
 Nyman, M., 306
- Oliveira, R., 338
- Palenske, N.M., 232
 Palermo, F.A., 51
 Pan, L., 160, 279
 Pandit, N.P., 69
 Park, C.-B., 456
 Parrella, A., 51
 Petit, A.-N., 407
 Petrović, V., 147
 Pichavant-Rafini, K., 321
 Ponganis, P.J., 18
 Porte, C., 175
 Price, D.J., 42
 Provini, A., 175
 Puntarulo, S., 167
- Qian, L., 62
 Qin, F., 313
 Quiniou, L., 321
- Radford, J., 256
 Raimundo, J., 139
 Rainbow, P.S., 1
 Ranaldi, M.M., 248
 Randak, T., 385, 392
 Raspor, B., 133
 Rhee, J.-S., 413, 456, 473
 Riva, C., 175
 Roberto, C., 241
 Roch, P., 399
 Routti, H., 306
 Ru, S., 107
 Ruksana, S., 69
- Saengtienchai, A., 114
 Şentürk, M., 215
 Seo, J.S., 413, 456
 Seung, D., 256
 Shaffiey, F., 91
 Shi, H., 62
 Shimizu, A., 84
 Shiraishi, F., 84
 Shiraishi, H., 84
 Shirama, K., 301
 Smolders, R., 332
 Soares, A.M.V.M., 338
 Soffientino, B., 9
 Sotka, E.E., 288
 Soyano, K., 456
 Specker, J.L., 9
 Šrut, M., 433
 St. Leger, J., 18
 Štambuk, A., 433
 Storey, J.M., 360
 Storey, K.B., 360
 Sudo, A., 224
 Suzuki, T., 189
- Takahashi, S., 84
 Tanaka, K.D., 114
 Theron, M., 321
 Thompson, E.D., 371
 Tian, H., 107
 Torous, I.M., 360
 Trifone, S., 241
 Trompf, K., 256
- Trudeau, V.L., 202
 Tudorache, C., 270
- Vale, C., 139
 Van Der Kraak, G., 379
 Vasiljević, A., 147
 Vaudry, H., 467
 Vergani, L., 399
- Wang, A.-L., 182
 Wang, H., 313
 Wang, J., 313
 Wang, L., 160
 Wang, M., 75
 Wang, W., 107
 Wang, W.-N., 182
 Wang, W.-X., 1
 Wang, X., 121
 Wang, X., 424
 Wang, Z., 313
 Watanabe, K.P., 114
 Watanabe, M.X., 224
 Whalen, K.E., 288
 Wise Sr., J.P., 91
 Wise, S.S., 91
 Wolkers, J., 34
 Wu, C., 121, 424
 Wu, T., 313
- Xian, J.-A., 182
 Xu, B., 75
 Xu, C., 160, 279
 Xu, W., 121, 424
- Ye, C.-X., 182
 Ye, Z., 99
 Yeo, S.-Y., 195
 Yin, X., 99
- Zenteno-Savin, T., 18
 Zhang, D., 202
 Zhang, L., 279
 Zhang, W., 121, 424
 Zhang, X., 62
 Zlabek, V., 392